Page 1 of 4 Form PTO-1449 U.S. DEPARTMENT OF ATTY, DOCKET NO. SERIAL NO. 09/756,293 (MODIFIED) PATENT AND TRADEM 035879-0116 **APPLICANT** INFORMATION DISCLOSURE CITATION Thomas E. WAGNER et al. FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) 01/09/2001 1632 **U.S. PATENT DOCUMENTS** FILING DATE **DOCUMENT EXAMINER** SUB-DATE NAME **CLASS** REF IF INITIAL **CLASS** NUMBER APPROPRIATE 4,762,701 08/88 HORAN et al. 424 1.1 **A1** 4,783,401 11/88 435 34 A2 HORAN et al. 4.859.584 08/89 HORAN et al. 435 29 **A3** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) PARKINSON et al., "Cytokines: Biology And Applications In Cancer Medicine", in CANCER MEDICINE, 4th ed., **A4** pp. 1213-1226 PHILIP et al., "Treatment Of Malignant Melanoma With Interleukin-2", Seminars in Oncology, Vol. 24(1):S4-32-**A5** -S4-38, (1997 SMITH et al., "Immune And Gene Therapy For Melanoma, And The Immunobiology Of Melanoma", **A6** International Journal Of Dermatology, Blackwell Science Ltd., Vol. 38:490-508, (1999) BOON et al., "Tumor Antigens Recognized By T Cells", Elsevier Science Ltd., Vol.18:267-268, (1997) **A7** STOCKERT et al., "A Survey Of The Humoral Immune Response Of Cancer Patients To A Panel Of Human **A8** Tumor Antigens", J. Exp. Med., The Rockefeller University Press, Vol. 187(8):1349-1354, (1998) SAHIN et al., "Human Neoplasms Elicit Multiple Specific Immune Responses In The Autologous Host", Proc. A9 Natl. Acad. Sci. USA, Immunology, Vol. 92:11810-11813, (1995) GABRILOVICH et al., "Production of Vascular Endothelial Growth Factor By Human Tumors Inhibits The A10 Functional Maturation Of Dendritic Cells", Nature Medicine, Vol. 2(10):1096-1103, (1996) ISHIDA et al., "Defective Function Of Langerhans Cells In Tumor-Bearing Animals Is The Result Of Defective Maturation From Hemopoietic Progenitors", The Journal of Immunology, The American Association of A11 Immunologists, pp. 4842-4851, (1998) STEINMAN, "The Dendritic Cell System And Its Role In Immunogenicity", Annu. Rev. Immunol., Annual A12 Reviews Inc., Vol. 9:271-296, (1991) MACATONIA et al., "Primary Stimulation By Dendritic Cells Induces Antiviral proliferative And Cytotoxic T Cell A13 Responses In Vitro", J. Exp. Med., The Rockefeller University Press, Vol. 169:1255-1264, (1989) **DATE CONSIDERED EXAMINER**

EXAMINER: Initial if citati in considered, whether or not citation is in c informance with MPEP 609; Draw lin through citation if not in conformance and not consider d. Include any copy f this form with next communicati n t applicant.

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	(Use se	everal sheets if necessary)	01/09/2001	1632			
0		OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)			
	A14	MEHTA-DAMANI et al., "Generation Of Antigen-Specific CD8+ CTLs From Naïve Precursors", The Journal Of					
		Immunology, The American Association Of Immunologists, Vol. 153:996-1004, (1994)					
		PORGADOR et al., "Bone Marrow-Generated Dendritic Cells Pulsed With A Class I-Restricted peptide Are					
1 [A15	Potent Inducers Of Cytotoxic T Lymphocytes", J. Exp. Med., The Rockefeller University Press, Vol. 182:255-					
		260, (1995)					
	140	YOUNG et al., "Dendritic Cells As Adjuvants For Class Major Histocompatibility Complex-Restricted Antitumor					
	A16	Immunity", J. Exp. Med., The Rockefeller University Press, Vol. 183:7-12, (1996)					
		MAYORDOMO et al., "Bone Marrow-Derived Dendritic Cells Pulsed With Synthetic Tumour Peptides Elicit					
	A17	Protective And Therapeutic Antitumour In	nmunity", Nature Medicine, Vol. 1(12):1	297-1303, (1995)			
		BAKKER et al., "Generation Of Antimelanoma Cytotoxic T Lymphocytes From health Donors After					
	A18	Presentation of melanoma-Associated Antigen-Derived Epitopes by Dendritic Cells in Vitro", Cancer Research,					
	Í	Vol. 55:5330-5334, (1995)					
	A19,	FLAMAND et al., "Murine Dendritic Cells	pulsed In Vitro With Tumor Antigen Ind	uce Tumor Resistance In			
		Vitro", Eur. J. Immunol.,, VCH Verlagsgesellschaft mbH, Vol. 24:605-610, (1994)					
	400	GONG et al., "Induction Of Antigen-Specific Antitumor Immunity With Adenovirus-Transduced Dendritic Cells",					
	A20	Gene Therapy, Stockton Press, Vol. 4:1023-1028, (1997)					
		SONG et al., "Dendritic Cells Genetically Modified With An Adenovirus Vector Encoding The cDNA For A					
	/A21	Model Antigen Induce Protective And Therapeutic Antitumor Immunity", J. Exp. Med., The Rockefeller					
		University Press, Vol. 186(8):1247-1256, (1997)					
	A22	SPECHT et al., "Dendritic Cells Retrovirally Transduced With A Model Antigen Gene Are Therapeutically					
		Effective Against Established Pulmonary Metastases", The Journal Of Experimental Medicine, Vol.					
		186(8):1213-1221, (1997)					
	/ _{A23}	ROSENBERG et al., "Immunologic And T	herapeutic Evaluation Of A Synthetic F	Peptide Vaccine For The			
		Treatment of Patients With Metastatic Melanoma", Nature Medicine, Vol. 4(3):321-327, (1998)					
	/ WALLACK et al., "A Phase III Randomized, Double-Blind, Multiinstitutional Trial Of Vaccinia Melanomi						
	A24	Oncolysate-Active Specific Immunotherapy For Patients With Stage II Melanoma", Cancer, Vol. 75(1):34-42,					
4	A25	BYSTRYN, "Clinical Activity of A Polyvalent Melanoma Antigen Vaccine", Springer-Verlag Berlin, Vol. 139:337-					
		348, (1995)					
EXAMINER		Jan L.	DATE CONSIDERED 4/9/0	2			
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Form P10-14	149	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.			
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(Use several sheets if necessary)			01/09/2001	1632			
		OTHER DOCUMENTS (Including A	uthor, Title, Date, Pertinent Pages,	Etc.)			
V /	426	MITCHELL, "Perspective On Allogeneic Melanoma Lysates In Active Specific Immunotherapy", Seminars In					
	A26 A27	Oncology, Vol. 25(6):623-635, (1998)					
V		MORTON et al., "Polyvalent Melanoma Vaccine Improves Survival Of Patients With Metastatic Melanoma",					
1		Ann. N.Y. Acad. Sci,.Vol. 690:120-134 (1993);					
		BERD et al., "Autologous, Hapten-Modified Vaccine As A Treatment For Human Cancers", Seminars in					
	A28	Oncology, Vol. 25(6):646-653, (1998)					
		BERD et al., "Autologous Hapten-Modified Melanoma Vaccine As Postsurgical Adjuvant Treatment After					
	A29	Resection Of Nodal Metastases", Journal Of Clinical Oncology, Vol. 15(6):2359-2370, (1997)					
	/20	SHURIN, "Dendritic Cells Presenting Turn	or Antigen", Cancer Immunol. Immuno	other, Vol. 43:158-164, (1996)			
	A30						
	A31	HAIGH et al., "Vaccine Therapy For patien	nts With Melanoma", <i>Oncology</i> , Vol. 1	3(11):1561-1574, (1999)			
	-A31						
	4.5.5	GONG et al., "Induction Of Antitumor Activity By Immunization With Fusions Of Dendritic And Carcinoma					
	A32	Cells", Nature Medicine, Vol. 3(5):558-561, (1997)					
		WANG et al., "Eliciting T Cell Immunity Against Poorly Immunogenic Tumors By Immunization With Dendritic					
	A33	Cell-Tumor Fusion Vaccines", The Journal Of Immunology, The American Association of Immunologists, Vol.					
	4.60	161:5516-5524, (1998)					
	A34/	LESPAGNARD et al., "Dendritic Cells Fus	sed With Mastocytoma Cells Elicit The	rapeutic Antitumor Immunity",			
		Int. J. Cancer, Vol. 76:250-258, (1998)					
	A35, ,	ROWSE et al., "Tolerance And Immunity To MUC1 In A Human MUC1 Transgenic Murine Model", Cancer					
	A35V	Research, Vol. 58:315-321, (1998)					
	A36	ABBAS et al., "Cellular and Molecular Immunology", Saunders Text and Review Series, pp. 347-350					
	A30						
	^ ^27	WEI et al., "Long-Term Expression Of Human Growth Hormone (hGH) In Mice Containing Allogeneic Yolk Sac					
-0	Cell Derived Neovascular Implants Expressing hGH", Stem Cells, Vol. 14:2320238, (1996)						
A	HORAN et al., "Stable Cell Membrane Labelling", Nature, Vol. 340:167-168, (1989)						
	A30						
EXAMINER	0		DATE CONSIDERED				
	<u> </u>	Jon .	4/9/02				
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(Use several sheets if necessary)			:	01/09/2001	1632	
		OTHER DOCUMENTS (/	ncluding A	uthor, Title, Date, Pertinent Page	s, Etc.)	
		HORAN et al., "Fluorescent Cell Labeling For In Vivo And In Vitro Cell Tracking", Methods In Cell Biology,				
Λ	A39	Academic Press, Inc., Vol. 33:469-491, (1990)				
		MICHELSON et al., "In Vivo T	racking Of I	Platelets: Circulating Degranulated P	latelets Rapidly Lose Surface P-	
	A40	Selectin But Continue To Circulate And Function", Proc. Natl., Acad. Sci. USA, Vol. 93:11877-11882, (1996)				
		ZITVOGEL et al., "Therapy Of Murine Tumors With Tumor Peptide-Pulsed Dendritic Cells: Dependence On T				
	A41	Cells, B7 Costimulation, And T Helper Cell 1-Associated Cytokines", J. Exp. Med., The Rockefeller University				
		Press, Vol. 183:87-97, (1996)				
	/	GIMMI et al., "Breast Cancer-	Associated .	Antigen, DF3/MUC1, Induces Apopto	osis Of Activated Human T Cells",	
	A42	Nature Medicine, Vol. 2(12):13	367-1370, (1996)		
V		YEH et al., "Expression of B7-	1 By Pam 2	12 Squamous Cell Carcinoma Enha	nces Tumor Cell Intractions With,	
A43 Dendritic Epidermal T Cells But Does Not Affect In Vivo Tumor Growth", J. Invest. Dermatol., \						
		(1997)				
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